TST 101
Introduction to Acquisition Workforce Test and Evaluation

Emphasizing the basic Test and Evaluation (T&E) principles, policies, and practices used by DoD, TST 101 introduces students to the relationship of T&E to other systems acquisition disciplines and program management. The types of testing covered include developmental, operational, and live-fire.

Objectives: Students who successfully complete this course will be able to:

- capably interact with Program Managers regarding T&E issues and more effectively function within the acquisition process;
- thoroughly understand the role of T&E as a feedback mechanism and management tool for the design/engineering/development process; and
- understand DoD's T&E process and the Test and Evaluation Master Plan (TEMP).

Who Should Attend: This course is designed for engineers and project management personnel who have at least 1 year of acquisition experience, including civilians, GS-5 through GS-9, and their military equivalents.

Prerequisite: ACQ 101

Length: This is a nonresident, self-paced course that is available through the Internet. Students must complete the course within 60 calendar days of the start date.

Method of Delivery: Distance Learning—See "Online Courses" on page 12

PDS Code: PC5

TST 202
Intermediate Test and Evaluation

Problem-solving situations are used to engage students in the use of Test and Evaluation (T&E) concepts, principles, and theories. Course topics include the role of T&E in systems acquisition, T&E planning, experimental design, measurement of systems effectiveness and suitability, instrumentation, and data collection and management. Reliability, maintainability, and availability of systems; analysis and evaluation; live fire; software; modeling and simulation; and T&E of alternative acquisitions are also covered in the course.

Objectives: Students who successfully complete this course will be able to:

- identify current laws, policy, and guidance for T&E and relate these topics to their own programs;
- identify source documents for systems requirements;
- develop T&E objectives and issues;
- apply appropriate tools and techniques for conducting developmental and operational T&E in support of systems development;
- identify techniques for designing simple experimental processes; and
- perform elementary analytical procedures on test data.

Who Should Attend: T&E engineers, scientists, operations researchers, computer scientists, other technical personnel, and project organization personnel who have 2 to 4 years of acquisition experience with at least half of their experience in T&E should attend. This course is required for T&E career field Level II certification.

Prerequisites: ACQ 201B and TST 101

Precourse Assignment: Students must satisfactorily complete a precourse assignment prior to admission to this course. The assignment consists of identifying a T&E-related issue, discussion of the issue, and a proposed solution.

Length: 5 class days

Method of Delivery: Resident/Local

PDS Code: QMI